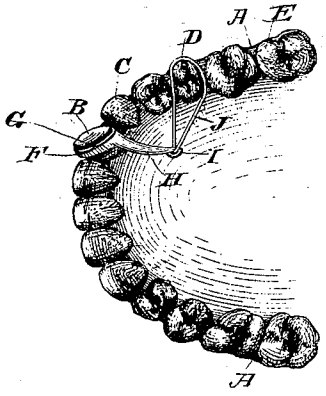
(No Model.)

W. N. MORRISON.

TEETH REGULATOR.

No. 262,088. Patented Aug. 1, 1882.



Attest:
Geo. T. Smallwood Jr.
Walter Allen

Inventor:
William N. Morrison.
By Knight Bros.
attys

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM N. MORRISON, OF ST. LOUIS, MISSOURI.

TOOTH-REGULATOR.

SPECIFICATION forming part of Letters Patent No. 262,088, dated August 1, 1882.

Application filed January 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM N. MORRISON, of the city of St. Louis, in the State of Missouri, have invented certain Improvements in Appliances for Regulating Teeth, of which the following is a specification, reference being had to the accompanying drawing, forming part thereof.

Among the well-known appliances for regulating the teeth are strings and "jack-screws." The shape of the teeth is such that it has been found very difficult to make a reliable connection between any of the various appliances and the teeth without injury to the enamel or surrounding tissues.

My improvement relates to means for making a secure connection between the tooth operated on and the tooth to which the regulating device is fastened; and it consists of a thin flat-metal ring or cap, which is placed upon the tooth to be operated on, and firmly secured thereto by any suitable cement, said ring having an arm provided with an eye or hook at the end for the engagement of a rubber band or ring forming the active appliance.

The accompanying drawing shows my improved regulating device for rotating a twisted tooth into correct position.

A represents a lower gum; B, the incisor-teeth; C, the canine; D, the bicuspid, and E the molar.

F is a thin flat band, of platinum or other suitable metal, made to encircle a twisted tooth, and secured thereto by any suitable cement which will harden, such as phosphate of zinc. (See G.)

H is an arm which extends from the cemented ring F, said arm having at its end an eye or hook, I, for the engagement of a rubber band or ring, J, which engages over another tooth, and whose tension causes the twisted tooth to gradually rotate in its socket.

In the place of the simple ring F, I sometimes use a cap, covering the top of the tooth, and cemented thereto in the same manner as the ring.

My device has been found very efficient in action, and causes but slight inconvenience to the person operated upon.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

The combination, with a ring, F, cemented to a tooth, of an arm, H, formed to engage a spring, for the purpose set forth.

WM. N. MORRISON.

Witnesses:
SAML. KNIGHT,
GEO. H. KNIGHT.